



**GARY R. HERBERT**  
Governor

**GREG BELL**  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

**MICHAEL R. STYLER**  
Executive Director

### Division of Oil, Gas and Mining

**JOHN R. BAZA**  
Division Director

## Inspection Report

Permit Number:	C0250005
Inspection Type:	PARTIAL
Inspection Date:	Tuesday, March 29, 2016
Start Date/Time:	3/29/2016 2:30:00 PM
End Date/Time:	3/29/2016 3:45:00 PM
Last Inspection:	Thursday, March 03, 2016

Inspector: Priscilla Burton

Weather: windy snow flurries 32 F

InspectionID Report Number: 5478

Accepted by: JHELFRIC  
4/5/2016

#### Representatives Present During the Inspection:

OGM Priscilla Burton  
Company Kirk Nicholes

Permittee: **ALTON COAL DEVELOPMENT LLC**

Operator: **ALTON COAL DEVELOPMENT LLC**

Site: **COAL HOLLOW**

Address: **463 North 100 West, Suite 1, CEDAR CITY UT 84720**

County: **KANE**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **ACTIVE**

#### Current Acreages

721.00	<b>Total Permitted</b>
342.00	<b>Total Disturbed</b>
113.50	<b>Phase I</b>
	<b>Phase II</b>
	<b>Phase III</b>

#### Mineral Ownership

- ☐ Federal  
☐ State  
☐ County  
☒ Fee  
☐ Other

#### Types of Operations

- ☒ Underground  
☒ Surface  
☐ Loadout  
☐ Processing  
☐ Reprocessing

#### Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

Two coal trucks were loaded from the underground mine (UG) during the site visit. The UG mine is 675 ft inby. Recent snow has left approximately 1.5 inch snow on vegetation and saturated soils. More snow is in the forecast. County Road relocation has not been completed. Construction of Area 1 facilities was recently begun. Riley Anderson was working on dam construction today. Topsoil and subsoil has been removed from a portion of the area. I observed the topsoil and subsoil storage locations and the ongoing construction of sediment ponds 5 & 6 at the North Lease Area 1. A compactor, dozer and track hoe and drill rig were on site. Refer to Dwg 5-48 and 5-65 for facilities construction in Area 1. Refer to Dwg 5-67 and 5-68 for pond construction in Area 1.

Inspector's Signature

*Priscilla Burton*

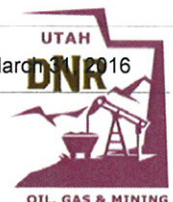
Priscilla Burton,

Inspector ID Number: 37

Date

Thursday, March 31, 2016

Note: This inspection report does not constitute an official statement of compliance with the regulatory program of the Division of Oil, Gas and Mining.  
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • [www.ogm.utah.gov](http://www.ogm.utah.gov)



**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
  - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
  - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**1. Permits, Change, Transfer, Renewal, Sale**

The North Lease Area 1 Mining Permit was issued February 5, 2016.

**2. Signs and Markers**

Mining activity straddles the county road. One of three entrances to the mine site from the county road was signed with mine contact information. A fence delineates the permit area boundary on the south, west and east. Disturbed boundary markers were noted, but disturbed boundary signs were not in place. (refer to Section 521.240 and Sec 521.250, p. 5-26 of the MRP.

**3. Topsoil**

The MRP Chap. 2 describes 14 inch recovery of A and B horizon from Area 1. The consultant, Bob Long, has been on site monitoring the soil salvage. Riley Anderson, Surface Foreman is keeping truck counts of soil transport to stockpiles. The current truck count was not available during the inspection. The topsoil and subsoil piles are signed. Both are still under construction.

A small area of topsoil was not salvaged to the south of the haul road location just east of pond 6. The topsoil had been driven over with a truck load of rip rap. This topsoil is not scheduled to be salvaged, and protection of this topsoil was discussed. It will be ripped and seeded.

**4.a Hydrologic Balance: Diversions**

Diversions are not yet constructed. Diversions are shown on Dwg 5-48. Construction is described in App 5-13.

**4.b Hydrologic Balance: Sediment Ponds and Impoundments**

Sediment pond 5 & 6 have been excavated. Impoundment dykes and side slopes are under construction. Pond 5 dam is not at its final grade. The primary discharge pipes are in place in both dams. Emergency spillway riprap is under construction at both dams at the emergency outlet. Inlets are not yet constructed. Pipe elbows and oil skimmers have not been placed yet. Sediment markers have not been placed yet. Pond 5 construction encountered burnt coal that was removed. Shale was packed against the west slope to seal the location of the porous coal seam at a depth of about five feet below the surface. A professional engineer has not inspected the construction of either pond yet. These inspections must be conducted regularly during construction (R645-301-514.311.)

**4.c Hydrologic Balance: Other Sediment Control Measures**

Silt fences are along the east side of the Area 1 boundary (excepting the County road) as shown on Dwg 5-48. Silt fences are in place along the permit boundary immediately down slope of the pond 5 and pond 6 construction.

ASCA #1 is not in place. ASCA #1 requires approval from USACE. ASCA #1 is described in Dwg 5-66 and will incorporate straw bale check dams per design shown in App 5-7.

**4.d Hydrologic Balance: Water Monitoring**

UPDES discharge permits have not been acquired for ponds 5 & 6. These are constructed for containment of 110% of the 10 yr 24 hour storm

**5. Explosives**

The blasting plan is in App. 5-4. The pre-blast survey has been completed. The notification went out to one landowner who has farm structures just outside the 0.5 mile radius. The public notice of the blasting schedule was published 3/31/2016 in the Southern Utah News. A copy of the notice was sent to the Coal Hollow file.

**6. Disposal of Excess Spoil, Fills, Benches**

The temporary excess spoil location has been partially grubbed and topsoil and subsoil have been partially removed. A professional engineer has not yet certified the spoil pile foundation (R645-301-514.111). The marker fence to indicate the location of in-place subsoil has not yet been laid.

**16.a Roads: Construction, Maintenance, Surfacing**

Haul road is not yet constructed.

## **17. Other Transportation Facilities**

County Road relocation is not yet complete. Public access is through the mine site. A sign along the public road warns of "Truck Crossing" where haul trucks move topsoil across the County road. Mr. Nichols stated that mine equipment is accompanied by pilot vehicles on the County road. However, a trackhoe was seen tramming down the county road unescorted on 3/31/2016.

The following information from the MRP states that the County road relocation must be the first priority.

Vol 3, Chap 5, Section 521.133.2 Relocating a Public Road, page 5-13 "County Road 136 (K3900) and Alton Coal Mine Road (K31 00) will be temporarily relocated outside the permit areas prior to mining for both the existing Coal Hollow Mine and the North Private Lease until mining is complete and then reconstructed."

"Mining equipment may cross the right-of-way of Kane County Road 136 for short period early in the operations life." Vol 3, Chap 5, p. 5-12.

Sec 521.133.2, page 5-13. "Each bypass road will be constructed, inspected, certified and available for public use prior to closure of the associated section of impacted County Road 136."

## **20. Air Quality Permit**

Two air quality monitoring stations are located just north of the topsoil storage pile.

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